



April 1, 2020

Medline Industries, Inc.
Jennifer Mason
Senior Regulatory Affairs Specialist
Three Lakes Drive
Northfield, Illinois 60030

Re: K192988

Trade/Device Name: Dermasure Green Sterile Synthetic Polychloroprene Powder-Free Surgical Glove
Tested for Use
Regulation Number: 21 CFR 878.4460
Regulation Name: Non-Powdered Surgeon's Glove
Regulatory Class: Class I, reserved
Product Code: KGO, LZC
Dated: February 26, 2020
Received: February 27, 2020

Dear Jennifer Mason:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act) that do not require approval of a premarket approval application (PMA). You may, therefore, market the device, subject to the general controls provisions of the Act. Although this letter refers to your product as a device, please be aware that some cleared products may instead be combination products. The 510(k) Premarket Notification Database located at <https://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfpmn/pmn.cfm> identifies combination product submissions. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration. Please note: CDRH does not evaluate information related to contract liability warranties. We remind you, however, that device labeling must be truthful and not misleading.

If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish further announcements concerning your device in the Federal Register.

Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal

statutes and regulations administered by other Federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); medical device reporting (reporting of medical device-related adverse events) (21 CFR 803) for devices or postmarketing safety reporting (21 CFR 4, Subpart B) for combination products (see <https://www.fda.gov/combination-products/guidance-regulatory-information/postmarketing-safety-reporting-combination-products>); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820) for devices or current good manufacturing practices (21 CFR 4, Subpart A) for combination products; and, if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21 CFR Part 807.97). For questions regarding the reporting of adverse events under the MDR regulation (21 CFR Part 803), please go to <https://www.fda.gov/medical-devices/medical-device-safety/medical-device-reporting-mdr-how-report-medical-device-problems>.

For comprehensive regulatory information about medical devices and radiation-emitting products, including information about labeling regulations, please see Device Advice (<https://www.fda.gov/medical-devices/device-advice-comprehensive-regulatory-assistance>) and CDRH Learn (<https://www.fda.gov/training-and-continuing-education/cdrh-learn>). Additionally, you may contact the Division of Industry and Consumer Education (DICE) to ask a question about a specific regulatory topic. See the DICE website (<https://www.fda.gov/medical-devices/device-advice-comprehensive-regulatory-assistance/contact-us-division-industry-and-consumer-education-dice>) for more information or contact DICE by email (DICE@fda.hhs.gov) or phone (1-800-638-2041 or 301-796-7100).

Sincerely,

CAPT Elizabeth Claverie, M.S.
Assistant Director
DHT4B: Division of Infection Control
and Plastic Surgery Devices
OHT4: Office of Surgical
and Infection Control Devices
Office of Product Evaluation and Quality
Center for Devices and Radiological Health

Enclosure

Indications for Use

510(k) Number (if known)

K192988

Device Name

DermaSure Green Sterile Synthetic Polychloroprene Powder-Free Surgical Glove (Tested for Use with Chemotherapy Drugs)

Indications for Use (Describe)

This surgeon's glove is a device made of synthetic rubber intended to be worn by operating room personnel to protect a surgical wound from contamination. In addition, these gloves were tested for use with chemotherapy drugs in accordance with ASTM D6978 Standard Practice for Assessment of Medical Gloves to Permeation by Chemotherapy Drugs.

The following chemicals have been tested with these gloves.

Chemotherapy Drug Permeation (Breakthrough Detection Time) in Minutes

Bleomycin (15 mg/ml) >240 minutes
Busulfan (6 mg/ml) >240 minutes
Carboplatin (10.0 mg/ml) >240 minutes
Carmustine (BCNU) (3.3 mg/ml) 38.5 minutes (57.2, 57.3, 38.5)
Cisplatin (1.0 mg/ml) >240 minutes
Cyclophosphamide (Cytosan) (20 mg/ml) >240 minutes
Dacarbazine (DTIC) (10.0 mg/ml) >240 minutes
Doxorubicin Hydrochloride (2.0 mg/ml) >240 minutes
Epirubicin (Ellence) (2 mg/ml) >240 minutes
Etoposide (Toposar) (20.0 mg/ml) >240 minutes
Fludarabine (25.0 mg/ml) >240 minutes
Fluorouracil (50.0 mg/ml) >240 minutes
Idarubicin (1.0 mg/ml) >240 minutes
Ifosfamide (50.0 mg/ml) >240 minutes
Mechlorethamine HCl (1.0 mg/ml) >240 minutes
Melphalan (5 mg/ml) >240 minutes
Methotrexate (25 mg/ml) >240 minutes
Mitomycin C (0.5 mg/ml) >240 minutes
Mitoxantrone (2.0 mg/ml) >240 minutes
Paclitaxel (Taxol) (6.0 mg/ml) >240 minutes
Paraplatin (10 mg/ml) >240 minutes
Rituximab (10 mg/ml) >240 minutes
Thiotepa (10.0 mg/ml) 38.6 minutes (39.0, 39.3, 38.6)
Vincristine Sulfate (1.0 mg/ml) >240 minutes

Caution: Testing showed a minimum breakthrough time of 38.5 minutes for Carmustine and 38.6 minutes for Thiotepa.

Type of Use (Select one or both, as applicable)

Prescription Use (Part 21 CFR 801 Subpart D)

Over-The-Counter Use (21 CFR 801 Subpart C)

CONTINUE ON A SEPARATE PAGE IF NEEDED.

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